eceee 2012 Industrial Summer Study

Conference proceedings

Internet version

PROCEEDINGS PRODUCTION

Project manager

*Therese Laitinen Lindström*Borg & Co, Stockholm, Sweden

Proceedings editing, layout and production

Therese Laitinen Lindström, Sofia Willner Borg & Co, Stockholm, Sweden

Technical consultant

Lars Johansson Template Publishing, Uppsala, Sweden

Cover design

Klas Björkman Björkman & Mitchell, Stockholm, Sweden

Printing

ABA Intercopy, Stockholm, Sweden, 2012

Copyright@2012 eceee and the authors

ISBN 978-91-980482-0-9 (printed version) ISBN 978-91-980482-1-6 (interactive digital version)

Proceedings can be ordered from:

eceee secretariat Sveavägen 98, 4 tr 113 50 Stockholm Sweden

eceee@eceee.org www.eceee.org/industry

Disclaimer: The responsibility for the contents of the proceedings lies with the authors. The contents do not necessarily represent the opinion of eceee or any of the Summer Study supporters or partners. eceee and the organisations providing financial support to the Summer Study are not responsible for any use that can be made of the information contained herein.

Acknowledgements

The eceee board would like to convey a special thanks to the partners whose support makes this event possible. The board would also like to thank all the authors and the panel leaders for their intense efforts to contribute to these proceedings. We gratefully acknowledge the support of all the anonymous helpers who have assisted in making the eceee 2012 Industrial Summer Study a success.

GOLD PARTNERS

Go' Energi, Denmark
Swedish Energy Agency

SILVER PARTNER

Rockwool Technical Insulation

BRONZE PARTNER

DNV KEMA

PARTNERS

COGEN Europe

Energy made in Arnhem, The Netherlands

Enova, Norway

Industriepark Kleefse Waard, Arnhem, The Netherlands

Institute for Industrial Productivity

ISOVER Saint-Gobain

NUON, The Netherlands

REEEP

PANEL LEADERS

PANEL 1. **Programmes to promote industrial energy efficiency Vida Rozite** International Energy Agency, France **Louise Vickery** Department of Resources, Energy and Tourism, Australia

PANEL 2. Sustainable production design and supply chain initiatives

Kornelis Blok Ecofys, The Netherlands **Maarten Neelis** Ecofys, The Netherlands

PANEL 3. Matching policies and drivers: Policies and Directives to drive industrial efficiency Miett Tajthy DNV KEMA, The Netherlands Rob Kool eceee, The Netherlands

PANEL 4. Undertaking high impact actions: The role of technology and systems optimisation Clemens Rohde Fraunhofer Institute for Systems and Innovation Research ISI, Germany Patrick Plötz Fraunhofer Institute for Systems and Innovation Research ISI, Germany

PANEL 5. The role of energy management systems, education, outreach and training Christian Stenqvist Environmental and Energy Systems Studies, Lund University, Sweden Erik Gudbjerg Lokalenergi Handel A/S, Denmark

PANEL 6. The role of financing to improve industrial efficiency, global perspective Patrick D'Addario Institute for Industrial Productivity, USA Ye Yanfei China Bank Regulatory Commission, China

SUMMER STUDY CONFERENCE MANAGERS

Christel Broussous and Therese Laitinen Lindström

SUMMER STUDY CO-CHAIRS

Julia Reinaud and Jan te Bos

EXECUTIVE DIRECTOR

Nils Borg

ECEEE BOARD

Board members

Peter Bach, Danish Energy Agency (President and chair of the board)

Andreas K. Enge, Enova, Norway (Vice-President and vice-chair of the board)

Didier Bossebœuf, Agence de l'Environnment et de la Maîtrise de l'Energie, France

Randall Bowie, Rockwool, Denmark

Rob Kool, NL Agency, The Netherlands

Juraj Krivošík, SEVEn, Czech Republic

Adrian Joyce, EuroAce

Marianne Moscoso-Osterkorn, Austria

Lorenzo Pagliano, Kyoto Club, Italy

Agneta Persson, WSP, Sweden

Barbara Schlomann, Fraunhofer Institute, Germany

Hal Wilhite, University of Oslo, Norway

Alternates

Aude Bodiguel, ADEME, France (alternate for Didier Bosseboeuf)

Kjersti Hasfjord, Enova, Norway (alternate for Andreas K. Enge)

Hans Nilsson, FourFact, Sweden (alternate for individual members)

Andrea Roscetti, Politecnico di Milano, Italy (alternate for Lorenzo Pagliano)

Clemens Rohde, Fraunhofer Institute, Germany (alternate for Barbara Schlomann)

PLENARIES ETC.

More information about the plenaries and the Summer Study can be found at www.eceee.org/industry